## **EAST Search History**

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query                            | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|-------|-------|---|--|---------------------|---------|---------------------|
| L1    | 3     | "7488490"                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/11/17<br>17:03 |
| L2    | 18    | "4824775"                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/11/17<br>17:31 |
| L3    | 8     | "7402572".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/11/17<br>17:49 |
| L4    | 2     | "6653292".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/11/17<br>17:56 |
| L5    | 2     | "7223741".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/11/17<br>18:01 |
| L6    | 2     | "6429199".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/11/17<br>18:04 |
| L7    | 2     | "6406705".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/11/17<br>18:07 |
| L8    | 2     | "6239116".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/11/17<br>18:09 |
| L9    | 2     | "6207646".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/11/17<br>18:11 |
| S1    | 0     | ("hepatitisandepitope\$").PN.           | USPAT; USOCR   | OR                  | OFF     | 2006/04/17<br>16:59 |
| S2    | 0     | ("hepatitisadjCand(epitope\$)").<br>PN. | USPAT; USOCR   | OR                  | OFF     | 2006/04/17<br>17:00 |
| S3    | 0     | "hepatitis C"".ab"                      | USPAT  | OR                  | OFF     | 2006/04/17<br>17:01 |
| S4    | 18857 | hepatitis "C.ab"                        | USPAT  | OR                  | OFF     | 2006/04/17<br>17:01 |
| S5    | 0     | "hepatitis.ab"                          | USPAT  | OR                  | OFF     | 2006/04/17<br>17:02 |

| S6  | 410     | HCV.clm.                       | USPAT        | OR | OFF | 2006/04/17<br>17:02 |
|-----|---------|--------------------------------|--------------|----|-----|---------------------|
| S7  | 2321    | epitope\$.clm.                 | USPAT        | OR | OFF | 2006/04/17<br>17:03 |
| S8  | 8190    | tumor\$.clm.                   | USPAT        | OR | OFF | 2006/04/17<br>17:03 |
| S9  | 247     | S7 and S8                      | USPAT        | OR | OFF | 2006/04/17<br>17:05 |
| S10 | 0       | S9 < "20040128"                | USPAT        | OR | OFF | 2006/04/17<br>17:06 |
| S11 | 7208321 | S9 @pd<"20040128"              | USPAT        | OR | OFF | 2006/04/17<br>17:07 |
| S12 | 7208284 | @pd<"20040128"                 | USPAT        | OR | OFF | 2006/04/17<br>17:08 |
| S13 | 210     | S12 and S9                     | USPAT        | OR | OFF | 2006/04/17<br>17:09 |
| S14 | 12803   | boost\$ and immun\$            | USPAT        | OR | OFF | 2006/04/17<br>17:10 |
| S15 | 104     | S13 and S14                    | USPAT        | OR | OFF | 2006/04/17<br>17:10 |
| S16 | 154     | HCV and CD8                    | USPAT        | OR | OFF | 2006/04/19<br>09:52 |
| S17 | 654     | HCV and epitopes               | USPAT        | OR | OFF | 2006/04/19<br>09:52 |
| S18 | 90      | S16 and S17                    | USPAT        | OR | OFF | 2006/04/19<br>10:27 |
| S19 | 0       | ("663871.pn.").PN.             | USPAT; USOCR | OR | OFF | 2006/04/19<br>10:28 |
| S20 | 0       | ("6663871.pn.").PN.            | USPAT; USOCR | OR | OFF | 2006/04/19<br>10:28 |
| S21 | 1       | "6663871".pn.                  | USPAT        | OR | OFF | 2006/04/19<br>10:28 |
| S22 | 5881    | vaccine and yeast              | USPAT        | OR | OFF | 2006/05/04<br>09:47 |
| S23 | 89340   | fusion protein and HCV         | USPAT        | OR | OFF | 2006/05/04<br>09:47 |
| S25 | 11247   | untranslatable DNA and vaccine | USPAT        | OR | OFF | 2006/05/30<br>13:43 |
| S26 | 1       | "6492169".pn.                  | USPAT        | OR | OFF | 2006/06/14<br>10:32 |
| S27 | 158     | E1 and ORF6                    | USPAT        | OR | OFF | 2006/06/14<br>10:35 |
| S28 | 1940223 | S27 and cell line              | USPAT        | OR | OFF | 2006/06/14<br>10:35 |
| S29 | 90      | S27 and propagation            | USPAT        | OR | OFF | 2006/06/14<br>12:35 |
| S30 | 1       | "5981275".PN.                  | USPAT; USOCR | OR | OFF | 2006/06/14<br>12:33 |
| S31 | 57659   | S27 and E4 near in cis         | USPAT        | OR | OFF | 2006/06/14<br>12:36 |

| S32 | 100   | S27 and cis              | USPAT | OR | OFF | 2006/06/14<br>12:36 |
|-----|-------|--------------------------|-------|----|-----|---------------------|
| S33 | 27    | fields and khudyakov     | USPAT | OR | OFF | 2006/07/07<br>15:05 |
| S34 | 15    | S33 and hepatitis        | USPAT | OR | OFF | 2006/07/07<br>15:12 |
| S35 | 58344 | synthetic and peptide\$  | USPAT | OR | OFF | 2006/07/07<br>15:13 |
| S36 | 1163  | S35 and HCV              | USPAT | OR | OFF | 2006/07/07<br>15:13 |
| S37 | 1049  | S36 and antibod\$        | USPAT | OR | OFF | 2006/07/07<br>15:13 |
| S38 | 890   | S37 and detection        | USPAT | OR | OFF | 2006/07/07<br>15:13 |
| S39 | 50    | S38 and immunospecific\$ | USPAT | OR | OFF | 2006/07/07<br>15:16 |
| S40 | 490   | S35 and HAV              | USPAT | OR | OFF | 2006/07/07<br>15:16 |
| S41 | 400   | S40 and detection        | USPAT | OR | OFF | 2006/07/07<br>15:16 |
| S42 | 48    | S41 and immunospecific\$ | USPAT | OR | OFF | 2006/07/07<br>15:19 |
| S43 | 31361 | S35 and detection        | USPAT | OR | OFF | 2006/07/07<br>15:20 |
| S44 | 12311 | S43 and glutamine        | USPAT | OR | OFF | 2006/07/07<br>15:20 |
| S45 | 2842  | S44 and hepatitis        | USPAT | OR | OFF | 2006/07/07<br>15:20 |
| S46 | 92    | S45 and HAV              | USPAT | OR | OFF | 2006/07/07<br>15:23 |
| S47 | 18677 | glutamine and peptides   | USPAT | OR | OFF | 2006/07/07<br>15:23 |
| S48 | 819   | S47 and immunospecific\$ | USPAT | OR | OFF | 2006/07/07<br>15:23 |
| S49 | 751   | S48 and detection        | USPAT | OR | OFF | 2006/07/07<br>15:26 |
| S50 | 751   | S49 and antibod\$        | USPAT | OR | OFF | 2006/07/07<br>15:26 |
| S51 | 751   | S50 and detect\$         | USPAT | OR | OFF | 2006/07/07<br>15:53 |
| S52 | 18677 | glutamine and peptides   | USPAT | OR | OFF | 2006/07/07<br>15:53 |
| S53 | 6186  | S52 and reactivity       | USPAT | OR | OFF | 2006/07/07<br>15:55 |
| S54 | 502   | S53 and immunospecific\$ | USPAT | OR | OFF | 2006/07/07<br>15:56 |
| S55 | 339   | S54 and improve\$        | USPAT | OR | OFF | 2006/07/07<br>15:56 |
| S56 | 5349  | subtype and O            | USPAT | OR | OFF | 2006/08/04<br>13:17 |

| S57 | 929   | S56 and HIV            | USPAT              | OR | OFF | 2006/08/04<br>13:17 |
|-----|-------|------------------------|--------------------|----|-----|---------------------|
| S58 | 11074 | subtype and O          | US-PGPUB;<br>USPAT | OR | OFF | 2006/08/04<br>13:17 |
| S59 | 2661  | S58 and HIV            | US-PGPUB;<br>USPAT | OR | OFF | 2006/08/04<br>13:17 |
| S60 | 2013  | S59 and detection      | US-PGPUB;<br>USPAT | OR | OFF | 2006/08/04<br>13:18 |
| S61 | 3     | S60 and K⊟ KI          | US-PGPUB;<br>USPAT | OR | OFF | 2006/08/04<br>13:19 |
| S62 | 2     | S60 and crgkai         | US-PGPUB;<br>USPAT | OR | OFF | 2006/08/04<br>13:19 |
| S63 | 0     | S60 and tfiqr          | US-PGPUB;<br>USPAT | OR | OFF | 2006/08/04<br>13:20 |
| S64 | 2     | S60 and tfiqn          | US-PGPUB;<br>USPAT | OR | OFF | 2006/08/04<br>13:20 |
| S65 | 2     | S60 and eregkgan       | US-PGPUB;<br>USPAT | OR | OFF | 2006/08/04<br>13:21 |
| S66 | 5725  | subtype and O          | US-PGPUB           | OR | OFF | 2006/08/04<br>13:23 |
| S67 | 1732  | S66 and HIV            | US-PGPUB           | OR | OFF | 2006/08/04<br>13:23 |
| S68 | 1363  | S67 and detection      | US-PGPUB           | OR | OFF | 2006/08/04<br>13:23 |
| S69 | 1     | S68 and cknrlic        | US-PGPUB           | OR | OFF | 2006/08/04<br>13:23 |
| S70 | 1     | S68 and crgkai         | US-PGPUB           | OR | OFF | 2006/08/04<br>13:24 |
| S71 | 2     | S68 and keiki          | US-PGPUB           | OR | OFF | 2006/08/04<br>13:24 |
| S72 | 0     | S68 and tpiqn          | US-PGPUB           | OR | OFF | 2006/08/04<br>13:24 |
| S73 | 0     | S68 and tpiqn          | US-PGPUB           | OR | OFF | 2006/08/04<br>13:24 |
| S74 | 0     | S68 and tpiqn          | US-PGPUB           | OR | OFF | 2006/08/04<br>13:25 |
| S75 | 1     | S68 and tfiqn          | US-PGPUB           | OR | OFF | 2006/08/04<br>13:25 |
| S76 | 0     | S68 and svq            | US-PGPUB           | OR | OFF | 2006/08/04<br>13:25 |
| S77 | 1     | S68 and rllaletImqnqql | US-PGPUB           | OR | OFF | 2006/08/04<br>13:31 |
| S78 | 7     | charneau.in.           | US-PGPUB           | OR | OFF | 2006/08/04<br>13:32 |
| S79 | 0     | "6399294".pn.          | US-PGPUB           | OR | OFF | 2006/08/04<br>13:32 |
| S80 | 0     | ("6399294.pn.").PN.    | USPAT; USOOR       | OR | OFF | 2006/08/04<br>13:32 |
| S81 | 1     | "6399294".pn.          | USPAT              | OR | OFF | 2006/08/04<br>13:32 |

| S82 | 0      | "09848390"                   | USPAT  | OR | OFF | 2007/06/04<br>14:09 |
|-----|--------|------------------------------|--|----|-----|---------------------|
| S83 | 2      | "09848390"                   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/06/04<br>17:33 |
| S84 | 7      | "20040005544"                | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/06/04<br>17:34 |
| S85 | 34744  | young.in.                    | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/06/04<br>17:34 |
| S86 | 2      | S85 and fouchier             | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/06/04<br>18:53 |
| S87 | 14     | "6800738"                    | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/06/04<br>18:54 |
| S88 | 1      | stapleton and GBV            | USPAT  | OR | OFF | 2007/06/15<br>20:05 |
| S89 | 5886   | CpG and analogs              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/15<br>20:06 |
| S90 | 661800 | S89 and cytosine analog      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/15<br>20:06 |
| S91 | 1619   | cytosine with analog         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/15<br>20:06 |
| S92 | 393    | S89 and S91                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/15<br>20:07 |
| S93 | 117    | S92 and immunostimulatory    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/15<br>20:29 |
| S94 | 28     | immunostimulatory adj moiety | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/15<br>20:29 |
| S95 | 25     | S94 and OpG                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/15<br>20:29 |
| S96 | 0      | adminst\$ near "48"          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:30 |
| S97 | 16     | adminst\$ with "48"          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:30 |
| S98 | 10240  | administ\$ with "48"         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:30 |

| S99  | 384 | S98 and OpG                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:38 |
|------|-----|----------------------------|--|----|-----|---------------------|
| S100 | 38  | S99 and cancer adj antigen | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:31 |
| S101 | 337 | CpG and cancer adj antigen | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:38 |
| S102 | 221 | S101 and Th1               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:38 |
| S103 | 150 | S102 and CTL               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:38 |
| S104 | 2   | S103 and TCGT              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:39 |
| S105 | 979 | Opg and tumor adj antigen  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:40 |
| S106 | 10  | S105 and TCGT              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:42 |
| S107 | 44  | Opg and TOGT               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>12:42 |
| S108 | 36  | S107 and antigen\$         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>13:06 |
| S109 | 738 | Carpentier.in.             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>13:06 |
| S110 | 2   | S109 and OpG               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>15:00 |
| S111 | 272 | CpG with primer            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>15:00 |

| S112 | 1      | S111 and antigen with boost | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/06/27<br>15:00 |
|------|--------|-----------------------------|--|----|-----|---------------------|
| S113 | 6      | "6498148"                   | USPAT  | OR | OFF | 2007/07/09<br>16:24 |
| S114 | 364    | de adj simone               | USPAT  | OR | OFF | 2007/07/09<br>16:24 |
| S115 | 475    | de adj simone               | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/07/09<br>16:25 |
| S116 | 71     | S115 and lactic             | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/07/09<br>16:25 |
| S117 | 3      | S116 and CpG                | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/07/09<br>16:41 |
| S118 | 231    | airway adj remodel\$        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>16:42 |
| S119 | 19     | S118 and unmethylated       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>16:42 |
| S120 | 19     | S119 and CpG                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>16:53 |
| S121 | 6      | "60179991"                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>17:10 |
| S122 | 626733 | S119 "498", "148"           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>17:10 |
| S123 | 565269 | "148"                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>17:11 |
| S124 | 21     | "6498148"                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>17:19 |
| S125 | 2799   | corticosteroid and asthma   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>17:20 |
| S126 | 108    | S125 and CpG                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>17:20 |
| S127 | 73     | S126 and airway             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>17:20 |

| S128 | 20   | S127 and remodel\$    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/09<br>17:20 |
|------|------|-----------------------|--|----|-----|---------------------|
| S129 | 93   | kline.in. and chronic | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>14:48 |
| S130 | 25   | S129 and OpG          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>14:48 |
| S131 | 23   | S130 and airway       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>14:53 |
| S132 | 0    | S131 and remodeling   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>14:48 |
| S133 | 232  | airway adj remodel\$  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>14:53 |
| S134 | 22   | S133 and CpG          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>15:32 |
| S135 | 1439 | asthma and OpG        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>15:32 |
| S136 | 571  | S135 and fibrosis     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>15:33 |
| S137 | 283  | S136 and interstitial | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>15:41 |
| S138 | 269  | S137 and lung         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>15:41 |
| S139 | 262  | S138 and bacteria\$   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>15:41 |
| S140 | 21   | S139 and unmethylated | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/07/10<br>15:42 |

| S141 | 0      | prion near streptomycin   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/06<br>10:06 |
|------|--------|---------------------------|--|----|-----|---------------------|
| S142 | 0      | prp? near streptomycin    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/06<br>10:06 |
| S143 | 1      | prp\$ near streptomycin   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/06<br>10:13 |
| S144 | 0      | scrapie near streptomycin | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/06<br>10:07 |
| S145 | 0      | amyloid near streptomycin | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/06<br>10:07 |
| S146 | 4      | "6916419"                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/06<br>10:16 |
| S147 | 0      | aminoside near prion      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/06<br>10:17 |
| S148 | 0      | aminoside near prp        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/06<br>10:17 |
| S149 | 0      | aminoside near prpsc      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/06<br>10:17 |
| S150 | 1      | "20010010918"             | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/10<br>12:40 |
| S151 | 3      | Enfer and homogenizing    | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/10<br>12:41 |
| S152 | 1      | Enfer near buffer         | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/10<br>12:42 |
| S153 | 323098 | Enfer TSE diagnostic kit  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/10<br>12:42 |
| S154 | 81546  | S153 and alcohol          | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/10<br>12:42 |
| S155 | 36795  | S153 and alcohol          | USPAT  | OR | OFF | 2007/08/10<br>12:42 |
| S156 | 176433 | Enfer TSE diagnostic kit  | USPAT  | OR | OFF | 2007/08/10<br>12:42 |
| S157 | 0      | enfer near homogeni\$     | USPAT  | OR | OFF | 2007/08/10<br>12:43 |
| S158 | 0      | enfer near prion          | USPAT  | OR | OFF | 2007/08/10<br>12:43 |

| S159 | 2859   | diagnostic adj kit        | USPAT  | OR | OFF | 2007/08/10<br>12:43 |
|------|--------|---------------------------|--|----|-----|---------------------|
| S160 | 73     | S159 and prion\$          | USPAT  | OR | OFF | 2007/08/10<br>12:46 |
| S161 | 0      | S160 and enfer            | USPAT  | OR | OFF | 2007/08/10<br>12:43 |
| S162 | 1      | enfer and TSE             | USPAT  | OR | OFF | 2007/08/10<br>13:09 |
| S163 | 903553 | enfer buffer S150         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/10<br>13:10 |
| S164 | 518    | S163 and homogenising     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/10<br>13:11 |
| S165 | 5755   | S163 and homogenizing     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/10<br>13:10 |
| S166 | 12     | \$164 and prion           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/10<br>13:14 |
| S167 | 20     | prion and enfer           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/10<br>13:29 |
| S168 | 28     | seward near stomacher     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/10<br>13:29 |
| S169 | 2      | S168 and homogenizing     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/10<br>19:29 |
| S170 | 4      | "7201901"                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/10<br>19:48 |
| S171 | 1      | EP93100728                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/10<br>19:49 |
| S172 | 0      | enfer and buffer          | EPO  | OR | OFF | 2007/08/10<br>19:54 |
| S173 | 6      | homogenization and buffer | EPO  | OR | OFF | 2007/08/10<br>19:54 |
| S174 | 5      | homogenisation and buffer | EPO  | OR | OFF | 2007/08/10<br>19:55 |
| S175 | 5      | prion and buffer          | EPO  | OR | OFF | 2007/08/10<br>19:56 |
| S176 | 136    | UK-427857                 | US-PGPUB   | OR | OFF | 2007/08/22<br>16:58 |

| S177 | 151  | UK-427857                | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/22<br>16:59 |
|------|------|--------------------------|--|----|-----|---------------------|
| S178 | 113  | UK-427857 and resistance | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/22<br>17:01 |
| S179 | 2431 | OCR5 and inhibitors      | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/22<br>17:01 |
| S180 | 76   | S179 and UK-427857       | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/22<br>17:03 |
| S181 | 112  | entry and UK-427857      | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/22<br>17:07 |
| S182 | 603  | HIV-1 adj entry          | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/22<br>17:07 |
| S183 | 116  | S182 near inhibitor\$    | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/22<br>17:07 |
| S184 | 4    | S183 and "427857"        | US-PGPUB;<br>USPAT                                       | OR | OFF | 2007/08/22<br>17:07 |
| S185 | 153  | uk-427857                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/24<br>13:52 |
| S186 | 0    | miaraviroc               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/24<br>13:45 |
| S187 | 153  | uk-427857                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/24<br>13:53 |
| S188 | 113  | uk-427857 and entry      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/24<br>14:44 |
| S189 | 0    | uk-427857 and entry      | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>14:44 |
| S190 | 0    | "427857" and entry       | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>14:44 |
| S191 | 0    | maraviroc and entry      | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>14:45 |
| S192 | 29   | pfizer and COR5          | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>18:15 |
| S193 | 0    | wo0190106                | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>18:16 |
| S194 | 0    | wo200190106              | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>18:16 |
| S195 | 2    | "200190106"              | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>18:16 |
| S196 | 1    | WO adj "200190106"       | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>18:18 |
| S197 | 3    | WO and "0039125"         | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>18:19 |
| S198 | 0    | WO adj "0039125"         | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>18:19 |

| S199 | 42       | "0039125"              | FPRS; EPO;<br>JPO; DERWENT                               | OR | OFF | 2007/08/24<br>18:19 |
|------|----------|------------------------|--|----|-----|---------------------|
| S200 | 387      | petropoulos.in.        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>15:30 |
| S201 | 42       | S200 and HIV           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:00 |
| S202 | 19117767 | JP "09" "071599"       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:00 |
| S203 | 862733   | nippon agd seibutsu    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:01 |
| S204 | 183      | nippon adj seibutsu    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:01 |
| S205 | 6041     | kagaku adj kenkyusho   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:01 |
| S206 | 118      | S204 and S205          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:01 |
| S207 | 0        | S206 and PAAG          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:02 |
| S208 | 20       | S206 and chicken       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:05 |
| S209 | 750      | roberts and heal       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:05 |
| S210 | 305      | \$209 and genome       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:05 |
| S211 | 255      | S210 and complementary | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:05 |
| S212 | 0        | \$211 and "4227"       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:06 |

| S213 | 0  | S211 and "04776"             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/08/27<br>19:08 |
|------|----|------------------------------|--|----|-----|---------------------|
| S214 | 63 | HCV and HLA-C                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/14<br>17:24 |
| S215 | 11 | S214 and binding adj protein | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/14<br>16:37 |
| S216 | 75 | [*6037135*                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/14<br>17:27 |
| S217 | 3  | "7201904"                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/14<br>17:28 |
| S218 | 1  | p7 near ion adj channel      | USPAT  | OR | OFF | 2007/11/19<br>17:32 |
| S219 | 0  | us near "21732"              | EPO  | OR | OFF | 2007/11/19<br>17:32 |
| S220 | 0  | pct near "21732"             | EPO  | OR | OFF | 2007/11/19<br>17:33 |
| S221 | 0  | pct/us2000/21732             | EPO  | OR | OFF | 2007/11/19<br>17:33 |
| S222 | 0  | PCT/US00/21732               | EPO  | OR | OFF | 2007/11/19<br>17:33 |
| S223 | 0  | PCT/US2000/21732             | EPO  | OR | OFF | 2007/11/19<br>17:33 |
| S224 | 0  | PCT/US2000/021732            | EPO  | OR | OFF | 2007/11/19<br>17:34 |
| S225 | 0  | "021732"                     | EPO  | OR | OFF | 2007/11/19<br>17:34 |
| S226 | 0  | PCT/US2000/021732            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO             | OR | OFF | 2007/11/19<br>17:34 |
| S227 | 0  | PCT near "021732"            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO             | OR | OFF | 2007/11/19<br>17:37 |
| S228 | 1  | "60148101"                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO; JPO             | OR | OFF | 2007/11/19<br>17:38 |
| S229 | 0  | "60148101"                   | US-PGPUB   | OR | OFF | 2007/11/19<br>17:38 |
| S230 | 0  | "60/148101"                  | US-PGPUB   | OR | OFF | 2007/11/19<br>17:38 |
| S231 | 1  | p7 and zitzmann.in.          | US-PGPUB   | OR | OFF | 2007/11/19<br>17:41 |
| S232 | 1  | 60/412560                    | US-PGPUB   | OR | OFF | 2007/11/19<br>17:41 |

| S233 | 72  | follicular adj dendritic and prion<br>\$ | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2007/11/23<br>14:13 |
|------|-----|--|--|----|-----|---------------------|
| S234 | 1   | "09602775"                               | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>17:44 |
| S235 | 3   | "5807687"                                | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>17:45 |
| S236 | 0   | "07362457"                               | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>17:45 |
| S237 | 12  | jackman.in. and antigenic                | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>17:46 |
| S238 | 0   | S237 and prion                           | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>17:46 |
| S239 | 0   | "09104244"                               | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>19:17 |
| S240 | 62  | parkinson and NACP                       | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>19:26 |
| S241 | 52  | S240 and pharmaceutical                  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>19:26 |
| S242 | 26  | S241 and immune                          | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>19:27 |
| S243 | 25  | S242 and adjuvant                        | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/01/02<br>19:36 |
| S244 | 711 | Ssynuclein and composition               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/02<br>19:37 |
| S245 | 547 | S244 and parkinson                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/02<br>19:37 |
| S246 | 321 | S245 and immune                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/02<br>19:37 |
| S247 | 79  | S246 and opg                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/02<br>19:37 |
| S248 | 41  | S246 and QS21                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/02<br>19:37 |
| S249 | 4   | letvin.in. and HIV                       | USPAT  | OR | OFF | 2008/01/15<br>14:50 |
| S250 | 0   | S249 and nonviral                        | USPAT  | OR | OFF | 2008/01/15<br>13:19 |
| S251 | 0   | S249 and non-viral                       | USPAT  | OR | OFF | 2008/01/15<br>13:19 |
| S252 | 0   | S249 and gene adj gun                    | USPAT  | OR | OFF | 2008/01/15<br>13:20 |

| S253 | 8    | "6309569"                   | USPAT  | OR | OFF | 2008/01/15<br>15:20 |
|------|------|-----------------------------|--|----|-----|---------------------|
| S254 | 0    | EP near "0519001"           | USPAT; EPO   | OR | OFF | 2008/01/15<br>15:20 |
| S255 | 4    | haigwood.in. and "120"      | USPAT; EPO   | OR | OFF | 2008/01/15<br>16:24 |
| S256 | 12   | "5783566"                   | USPAT; EPO   | OR | OFF | 2008/01/15<br>17:15 |
| S257 | 57   | "5739118"                   | USPAT; EPO   | OR | OFF | 2008/01/15<br>17:15 |
| S258 | 45   | "5739118" and Carrano.in.   | USPAT; EPO   | OR | OFF | 2008/01/15<br>17:29 |
| S259 | 12   | "5783566"                   | USPAT; EPO   | OR | OFF | 2008/01/15<br>18:04 |
| S260 | 5004 | prime and boost             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/15<br>18:04 |
| S261 | 652  | S260 and DNA adj vaccine    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/15<br>18:04 |
| S262 | 331  | S261 and gene adj gun       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/15<br>18:04 |
| S263 | 9    | S262 and boost near antigen | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/15<br>18:05 |
| S264 | 248  | S262 and HIV                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/15<br>18:18 |
| S265 | 0    | "5741492".in.               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/15<br>18:18 |
| S266 | 0    | "5741492"".pn"              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/15<br>18:18 |
| S267 | 12   | "5741492"                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/15<br>20:10 |
| S268 | 20   | "5614612"                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/15<br>20:10 |
| S269 | 2827 | epitope\$.clm.              | USPAT  | OR | OFF | 2008/01/17<br>13:52 |
| S270 | 9113 | tumor\$.clm.                | USPAT  | OR | OFF | 2008/01/17<br>13:52 |

| S271 | 284   | S269 and S270                           | USPAT  | OR | OFF | 2008/01/17<br>13:52 |
|------|-------|---|--|----|-----|---------------------|
| S272 | 285   | S271 "7198924".pn.                      | USPAT  | OR | OFF | 2008/01/17<br>13:53 |
| S273 | 1     | "7198924".pn.                           | USPAT  | OR | OFF | 2008/01/17<br>13:57 |
| S274 | 14735 | recombination and recombinant adj virus | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/17<br>13:58 |
| S275 | 40    | S274 and attL                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/17<br>14:37 |
| S276 | 2     | 7319001"                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/17<br>15:44 |
| S277 | 79    | "5348886"                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/17<br>15:44 |
| S278 | 2     | "5348886".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/17<br>15:44 |
| S279 | 1248  | roussel.in.                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/18<br>16:51 |
| S280 | 0     | S279 and hepatitis                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/18<br>16:51 |
| S281 | 7     | wychowski.in. and hepatitis             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/18<br>16:52 |
| S282 | 0     | S281 and frameshift                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/18<br>17:07 |
| S283 | 270   | HCV and frameshift                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/18<br>17:08 |
| S284 | 55    | S283 and IRES                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/01/18<br>17:08 |
| S285 | 2     | "6803214"                               | USPAT  | OR | OFF | 2008/01/22<br>18:15 |
| S286 | 0     | "5374548".in.                           | USPAT  | OR | OFF | 2008/02/12<br>13:51 |

| S287 | 1      | "5374548".pn.                            | USPAT  | OR | OFF | 2008/02/12<br>13:51 |
|------|--------|--|--|----|-----|---------------------|
| S288 | 9590   | emulsion and liposome\$                  | USPAT  | OR | OFF | 2008/02/12<br>14:02 |
| S289 | 974    | S288 and HSV                             | USPAT  | OR | OFF | 2008/02/12<br>14:02 |
| S290 | 10     | "I5" and fluid adj phase                 | USPAT  | OR | OFF | 2008/02/12<br>14:02 |
| S291 | 1      | "5709879".pn.                            | USPAT  | OR | OFF | 2008/02/12<br>14:03 |
| S292 | 1087   | Delayed adj hypersensitivity             | USPAT  | OR | OFF | 2008/02/12<br>17:14 |
| S293 | 97     | S292 and hsv                             | USPAT  | OR | OFF | 2008/02/12<br>17:14 |
| S294 | 28     | S293 and liposome                        | USPAT  | OR | OFF | 2008/02/12<br>17:14 |
| S295 | 28     | S294 and g                               | USPAT  | OR | OFF | 2008/02/12<br>17:14 |
| S296 | 3      | S294 and gd                              | USPAT  | OR | OFF | 2008/02/12<br>17:14 |
| S297 | 168    | hsv near gd                              | USPAT  | OR | OFF | 2008/02/12<br>17:17 |
| S298 | 360738 | S297 and chemically synthesi\$           | USPAT  | OR | OFF | 2008/02/12<br>17:17 |
| S299 | 73     | S297 and liposomes                       | USPAT  | OR | OFF | 2008/02/12<br>17:17 |
| S300 | 2      | "5505947".pn.                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/15<br>14:54 |
| S301 | 2      | "6261570".pn.                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/15<br>14:55 |
| S302 | 0      | deoxy near deazaguanosine                | USPAT  | OR | OFF | 2008/02/16<br>23:22 |
| S303 | 639    | deazaguanosine                           | USPAT  | OR | OFF | 2008/02/16<br>23:22 |
| S304 | 0      | deazaguanosine near cpg                  | USPAT  | OR | OFF | 2008/02/16<br>23:22 |
| S305 | 0      | deazaguanosine near cpg                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/16<br>23:22 |
| S306 | 2214   | deazaguanosine                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/16<br>23:22 |
| S307 | 0      | deazaguanosine near<br>immunostimulatory | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/16<br>23:23 |

| S308  | 139 | deazaguanosine and<br>immunostimulatory | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/16<br>23:23 |
|-------|-----|---|--|----|-----|---------------------|
| S309  | 0   | shiau.in. and thymosin                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/03<br>12:35 |
| S310  | 2   | shiau and thymosin                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/03<br>12:35 |
| S311  | 0   | adjuvant near thymosin                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/03<br>12:36 |
| S312  | 4   | DNA near thymosin                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/03<br>12:36 |
| S313  | 0   | hcv near thymosin                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/03<br>12:47 |
| S314  | 564 | hcv and thymosin                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/03<br>12:47 |
| \$315 | 75  | S314 and DNA adj vaccine                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/03<br>12:48 |
| S316  | 1   | "7201904"                               | USPAT  | OR | OFF | 2008/03/15<br>18:58 |
| S317  | 76  | Sette.in.                               | USPAT  | OR | OFF | 2008/03/15<br>19:24 |
| S318  | 18  | Sette.in. and overlap                   | USPAT  | OR | OFF | 2008/03/15<br>19:24 |
| S319  | 6   | S318 and HCV                            | USPAT  | OR | OFF | 2008/03/15<br>19:24 |
| S320  | 0   | S319 and yrrcrasgvl                     | USPAT  | OR | OFF | 2008/03/15<br>19:25 |
| S321  | 0   | S319 and "grey.in"                      | USPAT  | OR | OFF | 2008/03/15<br>19:25 |
| S322  | 0   | S319 and "grey.in."                     | USPAT  | OR | OFF | 2008/03/15<br>19:25 |
| S323  | 0   | S318 and AAJ00010                       | USPAT  | OR | OFF | 2008/03/15<br>19:26 |
| S324  | 0   | S316 and AAJ00010                       | USPAT  | OR | OFF | 2008/03/15<br>19:26 |
| S325  | 379 | overlap\$ adj epitope\$                 | USPAT  | OR | OFF | 2008/03/15<br>19:26 |

| S326         | 33    | S325 and HCV               | USPAT  | OR | OFF | 2008/03/15<br>19:26 |
|--------------|-------|----------------------------|--|----|-----|---------------------|
| S327         | 8     | togaacgttog and fearon.in. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/04/30<br>14:56 |
| S328         | 0     | tctgtogacag                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/04/30<br>15:08 |
| S329         | 39774 | fluorescence and imaging   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:00 |
| S330         | 30766 | S329 and sample            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:01 |
| S331         | 7264  | S330 and LED               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:01 |
| S332         | 0     | S331 and nasopharygeal     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:01 |
| S333         | 4990  | S331 and disease           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:02 |
| S334         | 0     | \$332 and antibod\$        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:02 |
| S335         | 4523  | \$333 and antibod\$        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:02 |
| S336         | 3426  | S335 and virus             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:03 |
| <b>S3</b> 37 | 1251  | S336 and respiratory       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:03 |
| S338         | 644   | S337 and influenza         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:05 |
| S339         | 627   | S338 and detection         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/05/07<br>18:06 |

| S340  | 1    | "7252720".pn.   | USPAT   | OR | OFF | 2008/05/23<br>11:41 |
|-------|------|---|---|----|-----|---------------------|
| S341  | 2    | "6897068"   | USPAT   | OR | OFF | 2008/06/06<br>14:15 |
| S342  | 1    | "5985615".pn.   | USPAT   | OR | OFF | 2008/07/20<br>12:13 |
| S343  | 10   | B-cell adj targeting  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT  | OR | OFF | 2008/07/20<br>12:15 |
| 5344  | 1388 | (b-cell\$1 or cd-20 or cd20 or<br>bcell\$1) near10 (dna or nucleic<br>or polynucleotid\$1)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT  | OR | OFF | 2008/07/20<br>12:47 |
| S345  | 22   | (b-cell\$1 or cd-20 or cd20 or<br>bcell\$1) near10 (dna or nucleic<br>or polynucleotid\$1) near10<br>(bound or conjugat\$ or<br>attached or complex\$2)                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT  | OR | OFF | 2008/07/20<br>12:48 |
| \$346 | 22   | (b-cell\$1 or cd-20 or cd20 or<br>bcell\$1) near10 (dna or nucleic<br>or polynucleotid\$1) near10<br>(bound or conjugat\$ or<br>attached or complex\$2)                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT  | OR | OFF | 2008/07/20<br>12:49 |
| S347  | 163  | ((b-cell\$1 or cd-20 or cd20 or<br>bcell\$1) near10 (dna or nucleic<br>or polynucleotid\$1)).ab,ti.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT  | OR | OFF | 2008/07/20<br>12:56 |
| S348  | 40   | (b-cell\$1 or cd-20 or cd20 or<br>bcell\$1 or b-lymphocyt\$1)<br>near15 (dna or nucleic or<br>polynucleotid\$1) near15<br>(bound or conjugat\$6 or<br>attached or complex\$2) | US: PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/20<br>13:01 |
| 5349  | 1    | "20040072236"   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/07/21<br>15:49 |
| 3350  | 1    | "20040072236" and tyrosine  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/07/21<br>15:49 |
| 3351  | 2    | cashman.in. and yyxxyyxyy   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/07/21<br>15:54 |
| 3352  | 3    | cashman.in. and yyxxyyxyy   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT  | OR | OFF | 2008/07/21<br>15:55 |
| S353  | 3    | prion\$1 and yyxxyyxyy  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT  | OR | OFF | 2008/07/21<br>15:56 |
| S354  | 3    | "10757345"  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/07/29<br>11:12 |
| 3355  | 1    | "20040198685"   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/07/29<br>11:12 |
| 3356  | 1    | (soto-jara.in.) and apolipoprotein.ab,ti.   | US-PGPUB;<br>USPAT  | OR | OFF | 2008/07/29<br>11:59 |

| S357 | 10     | (prion near15 apolipoprotein).<br>ab,ti.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/29<br>12:01 |
|------|--------|--|--|----|-----|---------------------|
| S358 | 11     | (soto.in.) and apolipoprotein  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/29<br>12:29 |
| S359 | 12     | ((apo or apolipoprotein near3<br>B) same (prion\$ or scrapie)).ti,<br>ab.          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/30<br>14:46 |
| S360 | 0      | ENFAGEATLNR  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/30<br>19:51 |
| S361 | 355713 | glu asn phe ala gly glu ala thr<br>leu gln arg                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/30<br>19:52 |
| S362 | 0      | ((apo near5 B near2 "100")<br>and (prion)).ti,ab.                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/30<br>20:05 |
| S363 | 2      | ((apo near5 B near2 "100")<br>same (prion))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/07/30<br>20:05 |
| S364 | 15     | ((HCV or hepatitis C near20<br>propagat\$) and (continuous<br>near20 flow)).ti,ab. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/05<br>19:18 |
| S365 | 281    | ((HCV or hepatitis C near20<br>propagat\$) and (vitro near20<br>method)).ti,ab.    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/05<br>19:22 |
| S366 | 578    | ((HCV or hepatitis C near20<br>propagation) and (cell adj<br>culture)).ti,ab.      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/06<br>11:16 |
| S367 | 13     | S366 and healthy   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/06<br>11:17 |
| S368 | 2      | "5948682".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>12:23 |
| S369 | 47     | ((safflower near20 oil) same<br>(antigen or immune))                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>12:58 |

| S370 | 500985  | "47" and (oil bodies)                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>12:59 |
|------|---------|--|--|----|-----|---------------------|
| S371 | 47      | S369 and (oil bodies)                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>12:59 |
| S372 | 11469   | ((plant near20 oil) and (oil bodies)).ti,ab. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:04 |
| S373 | 12      | S372 and immunogenic                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:04 |
| S374 | 4       | S373 and safflower                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:05 |
| S375 | 2       | "6761914".pn.                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:06 |
| S376 | 0       | parmenter.in. and hirudin                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:11 |
| S377 | 6       | "6004779"                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:45 |
| S378 | 0       | S377 and safflower                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:45 |
| S379 | 19      | "6004753"                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:46 |
| S380 | 0       | S379 and safflower                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:46 |
| S381 | 3296451 | WO 96/21029                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:53 |
| S382 | 6       | "08366783"                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>13:56 |

| S383 | 85  | "5650554"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>14:06 |
|------|-----|--|--|----|-----|---------------------|
| S384 | 310 | dryer.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>14:21 |
| S385 | 15  | S384 and avon  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>14:21 |
| S386 | 105 | ((defective near20 adenovirus)<br>and (E1 or E4 near3<br>complementing)).ti,ab.                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:12 |
| S387 | 15  | S386 and (different near5<br>serotype\$)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:12 |
| S388 | 105 | ((defective near20 adenovirus)<br>and (E1 or E4 near10<br>complementing)).ti,ab.               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:20 |
| S389 | 105 | ((defective near20 adenovirus)<br>and (E1 or E4 near20<br>complementing)).ti,ab.               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:20 |
| S390 | 1   | ((defective near20 adenovirus)<br>and (E1 near3 complementing)<br>and (ORF6 near20 E4)).ti,ab. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>19:21 |
| S391 | 1   | ((defective near20 adenovirus)<br>and (E1 near3 complementing)<br>and (ORF6 near30 E4)).ti,ab. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>19:21 |
| S392 | 22  | ((defective near20 adenovirus)<br>same (E1 near3<br>complementing) and (ORF6<br>near30 E4))    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>19:22 |
| S393 | 22  | S392 and (different serotype)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>19:23 |
| S394 | 7   | S392 and (different adj<br>serotype)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>19:24 |
| S395 | 2   | "5849561".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>19:40 |

| S396 | 1   | ((cowpea near5 mottle) and<br>(multivalent near20 particle)).ti,<br>ab. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/02<br>09:43 |
|------|-----|---|--|----|-----|---------------------|
| S397 | 1   | ((cowpea near5 mottle) same<br>(multivalent near20 particle))           | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/02<br>09:44 |
| S398 | 11  | ((cowpea near5 mottle) same<br>(virus near20 particle))                 | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/02<br>09:44 |
| S399 | 2   | S398 and multivalent  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/02<br>09:45 |
| S400 | 1   | (mix\$4 near VPL)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:22 |
| S401 | 41  | (mix\$4 near VLP)   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:22 |
| S402 | 116 | (mix\$4 near10 VLP)   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:22 |
| S403 | 1   | ((mix\$4 near10 VLP) and<br>(cowpea near5 mottle)).ti,ab.               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:23 |
| S404 | 0   | ((combination near10 VLP) and (cowpea near5 mottle)).ti,ab.             | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:50 |
| S405 | 0   | ((combination near10 VLP)<br>same (cowpea near5 mottle))                | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:50 |
| S406 | 0   | ((mixture near10 VLP) same<br>(cowpea near5 mottle))                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:50 |
| S407 | 2   | (mixture near10 VLP).ti,ab.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:51 |
| S408 | 0   | S407 and mottle   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:51 |

| S409 | 0    | S407 and COMV                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:51 |
|------|------|---|--|----|-----|---------------------|
| S410 | 3    | (multivalent near10 VLP).ti,ab.             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:53 |
| S411 | 1    | S410 and mottle                             | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:53 |
| S412 | 14   | (multivalent near10 VLP)                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>15:54 |
| S413 | 2    | "20050214321"                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>18:23 |
| S414 | 7    | rasochova.in. and fluorescens               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>18:31 |
| S415 | 5    | S414 and mottle                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>18:31 |
| S416 | 50   | AACGTTCG and CpG                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>18:39 |
| S417 | 41   | S416 and adjuvant                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>18:39 |
| S418 | 1    | ((AACGTTCG same adjuvant)<br>and (vaccine)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>18:40 |
| S419 | 2971 | rhee.in.                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>21:20 |
| S420 | 2    | S419 and fluorescens                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>21:20 |
| S421 | 1    | S420 and heterologous                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>21:21 |

| S422 | 0     | S420 and virus  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>21:22 |
|------|-------|---|--|----|-----|---------------------|
| S423 | 10    | ccmv and VLP  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>21:27 |
| S424 | 24    | "6514948"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>21:46 |
| S425 | 1     | "7115579".PN.   | USPAT  | OR | OFF | 2008/09/16<br>19:22 |
| S426 | 2     | "60201578"  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:05 |
| S427 | 1     | "7176296".pn.   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:07 |
| S428 | 1     | "7115579".pn.   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:09 |
| S429 | 1     | "7105495".pn.   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:19 |
| S430 | 1     | "7262286".pn.   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:22 |
| S431 | 131   | agrawal.in. and OpG                                       | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:24 |
| S432 | 0     | ((linkage or linker near10 3')<br>and (deazagu\$)).ab,ti. | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:25 |
| S433 | 3485  | ((linkage or linker near10 3')<br>and (deazagu\$))        | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:26 |
| S434 | 51    | S433 and S431   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:26 |
| S435 | 1     | "6900443".pn.   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>20:38 |
| S436 | 51317 | (3' near link or linkage).clm.                            | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>22:05 |
| S437 | 131   | agrawal.in. and OpG                                       | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>22:05 |
| S438 | 3511  | ((linkage or linker near10 3')<br>and (deazagu\$))        | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>22:05 |
| S439 | 51    | S438 and S437   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>22:05 |
| S440 | 24    | S436 and S439   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>22:05 |
| S441 | 261   | (deazagu\$).clm.  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>22:06 |
| S442 | 88    | S436 and S441   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>22:06 |
| S443 | 16    | S437 and S442   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/09/16<br>22:06 |

| S444 | 481   | ((screening near10 assay) and (canidate near10 drug\$1))". clm"                      | USPAT  | OR | OFF | 2008/09/27<br>20:27 |
|------|-------|--|--|----|-----|---------------------|
| S445 | 61167 | S444 and virus or viral  | USPAT  | OR | OFF | 2008/09/27<br>20:27 |
| S446 | 87520 | (virus or viral)".clm"   | USPAT  | OR | OFF | 2008/09/27<br>20:27 |
| S447 | 481   | S444 and S446  | USPAT  | OR | OFF | 2008/09/27<br>20:27 |
| S448 | 1106  | ((screening near10 assay) and<br>(viral near10 inhibit))".clm"                       | USPAT  | OR | OFF | 2008/09/27<br>20:29 |
| S449 | 397   | S448 and hepatitis   | USPAT  | OR | OFF | 2008/09/27<br>20:29 |
| S450 | 5867  | ((bacteriophage near15 antibod<br>\$3) and (antigen near15 detect<br>\$3))".clm"     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/27<br>22:09 |
| S451 | 5707  | ((bacteriophage near15 antibod<br>\$3) and (antigen near5 detect<br>\$3))".clm"      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/27<br>22:09 |
| S452 | 481   | ((bacteriophage near15 antibod<br>\$3) and (antigen near15<br>aglutinate))".clm"     | USPAT  | OR | OFF | 2008/09/27<br>22:16 |
| S453 | 1763  | siegel.in.   | USPAT  | OR | OFF | 2008/09/27<br>22:16 |
| S454 | 0     | S452 and S453  | USPAT  | OR | OFF | 2008/09/27<br>22:17 |
| S455 | 0     | ((bacteriophage near15 antibod<br>\$3) and (antigen near15<br>aglutinate)).ab,ti.    | USPAT  | OR | OFF | 2008/09/27<br>22:17 |
| S456 | 0     | ((bacteriophage near15 antibod<br>\$3) and (antigen near15<br>aglutination)).ab,ti.  | USPAT  | OR | OFF | 2008/09/27<br>22:17 |
| S457 | 0     | ((bacteriophage near15 antibod<br>\$3) and (antigen near15<br>agglutination)).ab,ti. | USPAT  | OR | OFF | 2008/09/27<br>22:17 |
| S458 | 9     | ((bacteriophage near15 antibod<br>\$3) same (antigen near15<br>agglutination))       | USPAT  | OR | OFF | 2008/09/27<br>22:17 |
| S459 | 2     | S458 and S453  | USPAT  | OR | OFF | 2008/09/27<br>22:18 |
| S460 | 25    | ((siegel.in.) and<br>(bacteriophage near15<br>antibody))                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/27<br>22:23 |
| S461 | 12    | ((antigen near15 RBC) and<br>(bacteriophage near15<br>antibody))                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/27<br>22:30 |

| S462 | 1635 | (glucocerebroside near15<br>natural or NKT) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/27<br>23:13 |
|------|------|---|--|----|-----|---------------------|
| S463 | 3    | (glucocerebroside near15 NKT)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/27<br>23:15 |
| S464 | 4    | (glucocerebroside same NKT)                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/27<br>23:21 |
| S465 | 2    | (glucocerebroside same STAT)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/27<br>23:25 |
| S466 | 2    | "11495624"                                  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>15:15 |
| S467 | 1782 | "12" and influenza                          | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>15:16 |
| S468 | 2    | S466 and influenza                          | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>15:16 |
| S469 | 209  | hemagglutinin near5 inhibition              | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>15:19 |
| S470 | 1378 | S468 alnd S469                              | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>15:19 |
| S471 | 0    | S468 and S469                               | USPAT  | OR | OFF | 2009/02/02<br>15:20 |
| S472 | 0    | S466 and S469                               | USPAT  | OR | OFF | 2009/02/02<br>15:20 |
| S473 | 134  | hemagglutinin near5 assay                   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>15:20 |
| S474 | 0    | S466 and S473                               | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>15:20 |
| S475 | 2    | S468 and hemagglutinin                      | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>15:21 |
| S476 | 1185 | influenza near vaccine                      | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>17:09 |
| S477 | 172  | S476 and H3                                 | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>17:09 |
| S478 | 0    | S466 and H7                                 | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>17:09 |
| S479 | 66   | S476 and h9                                 | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>17:10 |
| S480 | 94   | S476 and h7                                 | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>17:10 |
| S481 | 37   | S477 and S479                               | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>17:10 |
| S482 | 30   | S481 and S480                               | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/02/02<br>17:10 |

| S483 | 3543 | influenza near10 vaccine       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:09 |
|------|------|--------------------------------|--|----|-----|---------------------|
| S484 | 331  | 5483 and H5                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:09 |
| S485 | 0    | S483 and Hh3                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:10 |
| S486 | 316  | S483 and H3                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:10 |
| S487 | 299  | S483 and H7                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:10 |
| S488 | 194  | S483 and H9                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:10 |
| S489 | 103  | S486 and S487                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:10 |
| S490 | 60   | S488 and S489                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:10 |
| S491 | 2323 | (influenza and vaccine).ti,ab. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:14 |
| S492 | 105  | (H5 near15 antigen\$1)         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:14 |
| S493 | 41   | S491 and S492                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:14 |
| S494 | 2    | "11557040"                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>17:54 |
| S495 | 2    | "11553492"                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/02<br>19:02 |

| S496 | 305     | montagnier-I\$.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/17<br>01:48 |
|------|---------|---|--|----|-----|---------------------|
| S497 | 98      | (HIV and sucrose).clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/17<br>01:48 |
| S498 | 4       | S496 and S497   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/17<br>01:48 |
| S499 | 261     | ((immobiliz\$5 near support)<br>and (beta or alpha)).ti,ab,clm.                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:37 |
| S500 | 17      | S499 and (prion or scrapie or amyloid)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:38 |
| S501 | 29119   | ((immobiliz\$5 near10 protein<br>or peptide) and (beta or<br>alpha)).ti,ab,clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:39 |
| S502 | 85      | S499 and S501   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:39 |
| S503 | 14      | \$500 and \$502   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:40 |
| S504 | 13      | S503 and detect\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:49 |
| S505 | 1005453 | (immobiliz\$5 near beta or<br>alpha)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:51 |
| S506 | 1005640 | (immobiliz\$5 near5 beta or<br>alpha)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:51 |
| S507 | 202600  | S506 and detection  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:52 |
| S508 | 10884   | S507 and (prion or scrapie or amyloid)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:52 |

| S509 | 1882    | immobiliz\$5 near5 (beta or<br>alpha)             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:53 |
|------|---------|---|--|----|-----|---------------------|
| S510 | 2634    | (prion or scrapie or amyloid)<br>near15 detect\$3 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:54 |
| S511 | 40      | S509 and S510                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:54 |
| S512 | 4365441 | immolibiz\$5 near5 solid or<br>support            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:55 |
| S513 | 13      | S511 and "154"                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:55 |
| S514 | 26      | S511 and S512                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/24<br>10:55 |
| S515 | 3139    | epitope\$.clm.                                    | USPAT  | OR | OFF | 2009/02/25<br>20:23 |
| S516 | 9679    | tumor\$.clm.                                      | USPAT  | OR | OFF | 2009/02/25<br>20:23 |
| S517 | 316     | S515 and S516                                     | USPAT  | OR | OFF | 2009/02/25<br>20:23 |
| S518 | 1       | ("6977245").PN.                                   | USPAT; USOCR   | OR | OFF | 2009/03/29<br>17:45 |
| S519 | 2744015 | titer\$1 or effec\$7 or antibod\$3                | USPAT  | OR | OFF | 2009/03/29<br>17:45 |
| S520 | 1       | S518 and S519                                     | USPAT  | OR | OFF | 2009/03/29<br>17:45 |
| S521 | 365     | lipid near2 raft                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/29<br>21:23 |
| S522 | 18      | S521 near20 (immunogen or immune)                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/29<br>21:24 |
| S523 | 3492153 | WO "0127282"                                      | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/31<br>15:17 |
| S524 | 4       | hellendoorn.in. and cowpea                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/31<br>15:18 |

| S525 | 203   | cowpea near2 chlorotic                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/31<br>15:53 |
|------|-------|---|--|----|-----|---------------------|
| S526 | 319   | S525 or COMV                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/31<br>15:54 |
| S527 | 46    | ((cowpea near2 chlorotic) or (COMV)).ti,ab,clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/31<br>15:54 |
| S528 | 31    | S527 and particle\$2                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/31<br>15:55 |
| S529 | 15    | S528 and (antigen\$1 or epitope<br>\$1)         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/31<br>15:56 |
| S530 | 13    | S528 and insertion                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/31<br>17:04 |
| S531 | 59    | "5770442"                                       | USPAT  | OR | OFF | 2009/04/22<br>20:11 |
| S532 | 20    | "5770442" and glycine                           | USPAT  | OR | OFF | 2009/04/22<br>20:11 |
| S533 | 3     | "6576456"                                       | USPAT  | OR | OFF | 2009/04/22<br>20:12 |
| S534 | 3     | glycine and S533                                | USPAT  | OR | OFF | 2009/04/22<br>20:12 |
| S535 | 0     | "5770442.pn."                                   | USPAT  | OR | OFF | 2009/04/22<br>20:15 |
| S536 | 1     | "5770442".pn.                                   | USPAT  | OR | OFF | 2009/04/22<br>20:15 |
| S537 | 1     | S536 and glycine                                | USPAT  | OR | OFF | 2009/04/22<br>20:15 |
| S538 | 2391  | glycine same (spacer\$1 or<br>linker\$1)        | USPAT  | OR | OFF | 2009/04/22<br>20:41 |
| S539 | 639   | S538 and adenovirus                             | USPAT  | OR | OFF | 2009/04/22<br>20:41 |
| S540 | 7     | S538 same adenovirus                            | USPAT  | OR | OFF | 2009/04/22<br>20:42 |
| S541 | 19    | yun-c\$.in. and adenovirus.ti,ab,<br>clm.       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/22<br>20:42 |
| S542 | 11673 | S541 and vesicular or VSV\$                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/22<br>20:43 |

| S543 | 24798  | vesicular or VSV\$                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/22<br>20:43 |
|------|--------|---|--|----|-----|---------------------|
| S544 | 3      | S541 and S543                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/22<br>20:43 |
| S545 | 36     | kim-J\$.in. and adenovirus.clm, ti,ab.              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/22<br>20:44 |
| S546 | 24798  | vesicular or VSV\$                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/22<br>20:44 |
| S547 | 3      | S545 and S546                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/22<br>20:44 |
| S548 | 2      | stenland-c\$.in. and fumed.clm.                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/28<br>21:38 |
| S549 | 2      | terry-j\$.in. and fumed.clm.                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/28<br>21:40 |
| S550 | 2      | yuziuk-j\$.in. and fumed.clm.                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/28<br>21:40 |
| S551 | 1      | ("20030202988").PN.                                 | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/04/29<br>12:25 |
| S552 | 128571 | envelop\$1  | USPAT  | OR | OFF | 2009/04/29<br>12:25 |
| S553 | 0      | S551 and S552                                       | USPAT  | OR | OFF | 2009/04/29<br>12:25 |
| S554 | 1      | ("20080102524").PN:                                 | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/04/29<br>12:35 |
| S555 | 82575  | epitop\$4 or recombinant\$1                         | USPAT  | OR | OFF | 2009/04/29<br>12:35 |
| S556 | 0      | S554 and S555                                       | USPAT  | OR | OFF | 2009/04/29<br>12:35 |
| S557 | 9488   | S555 and S552                                       | USPAT  | OR | OFF | 2009/04/29<br>12:36 |
| S558 | 0      | S554 and S552                                       | USPAT  | OR | OFF | 2009/04/29<br>12:36 |
| S559 | 1      | ("20050014196").PN.                                 | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/05/05<br>12:29 |
| S560 | 16     | ((fumed near3 silica) or cab-o-<br>sil) near7 blood | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/05<br>12:41 |

| S561 | 12    | ((furned near3 silica) or cab-o-<br>sil) near17 blood near20 (filter<br>\$3 or separat\$5 or precipit\$7<br>or centrif\$8) | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/05<br>12:43 |
|------|-------|--|--|----|-----|---------------------|
| S562 | 12552 | prp or prion   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/05<br>12:45 |
| S563 | 14719 | prp or prion\$1  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/05<br>12:46 |
| S564 | 0     | S560 and S563  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/05<br>12:46 |
| S565 | 1     | ("7488490").PN.  | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/05/08<br>14:24 |
| S566 | 0     | (10/897680).APP.   | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/05/10<br>17:40 |
| S567 | 0     | ("10near897680").PN.   | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/05/10<br>17:40 |
| S568 | 0     | "10897680"   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>17:41 |
| S569 | 1     | "20050202036"  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>17:41 |
| S570 | 2     | "10512790"   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>21:38 |
| S571 | 0     | "09736959"   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>21:50 |
| S572 | 3     | "10664038"   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>21:50 |
| S573 | 1     | "10150283"   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>22:01 |
| S574 | 1     | "11330650"   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>22:05 |
| S575 | 7     | "10601020"   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>22:06 |
| S576 | 0     | "10897680"   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>22:08 |
| S577 | 1     | "20050202036"  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/05/10<br>22:38 |
| S578 | 42    | pct near5 "04703"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/16<br>16:43 |
| S579 | 0     | zeman.in. near "04703"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/16<br>16:44 |
| S580 | 29    | pct near US98 near "04703"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/16<br>16:44 |
| S581 | 29    | S580 and unmethylated  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/16<br>16:45 |

| S582 | 92626 | (treated or trained or adopted)<br>near3 cell\$1         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>10:51 |
|------|-------|--|--|----|-----|---------------------|
| S583 | 31048 | S582 and (hepatitis or HCV or HIV)                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>10:52 |
| S584 | 4625  | (implant\$5) and ("same" near3<br>subject)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>10:53 |
| S585 | 44    | (re-implant\$5) and ("same"<br>near3 subject)            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>10:54 |
| S586 | 763   | S583 and S584  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>10:54 |
| S587 | 111   | S585 and S583  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>10:55 |
| S588 | 207   | S583 and (autologous near20 implant\$5)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>11:03 |
| S589 | 985   | (autologous and cell\$2 and (virus or viral)).clm,ab,ti. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>11:07 |
| S590 | 66310 | (hepatitis or HBV or HCV or<br>HIV).clm,ab,ti.           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>11:08 |
| S591 | 291   | S589 and S590  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>11:08 |
| S592 | 72441 | (immune near5 cell\$1)                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>11:08 |
| S593 | 27965 | \$582 and \$592  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>11:09 |
| S594 | 47    | S591 and S593  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>11:09 |

| S595 | 15265 | "47" and autologous  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>11:32 |
|------|-------|--|--|----|-----|---------------------|
| S596 | 47    | S594 and autologous  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/17<br>11:33 |
| S597 | 841   | (lipid near2 raft\$2)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>14:58 |
| S598 | 107   | (lipid near2 raft\$2) and (prion<br>\$1 or scrapie or PRP\$2)                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>14:58 |
| S599 | 96    | S598 and (antibod\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>14:58 |
| S600 | 77    | (lipid near2 raft\$2)near100<br>(antibod\$3)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>14:59 |
| S601 | 17    | S600 and (prion\$1 or scrapie or PRP\$2)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>14:59 |
| S602 | 68    | (lipid near2 raft\$2)near20<br>(antibod\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>15:00 |
| S603 | 8     | (lipid near2 raft\$2)near20<br>(generat\$3 near10 antibod\$3)                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>15:02 |
| S604 | 8     | (lipid near2 raft\$2)near20<br>(generat\$3 or produce or<br>producing) near10 (antibod\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>16:13 |
| S605 | 3     | maundrell-k\$.in.  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/06/18<br>16:19 |
| S606 | 24    | maundrell-k\$.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>16:20 |
| S607 | 2     | \$606 and (prion\$1 or PRP or scrapie).clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>16:20 |
| S608 | 51    | immuniz\$5 near15<br>neuroblastoma   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>16:31 |

| S609 | 16      | "6235872"  | US-PGPUB:  | OR | OFF | 2009/06/18          |
|------|---------|--|--|----|-----|---------------------|
| 0000 |         | 0200072  | USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT              |    |     | 16:59               |
| S610 | 7       | S604 and antigen   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>17:57 |
| S611 | 1       | S610 and (bind\$3 near1 site)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/18<br>17:58 |
| S612 | 26      | (cd155 or cd-155) same (polio<br>or pvr)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/19<br>12:33 |
| S613 | 1044    | antibod\$5 same (polio or pvr)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/19<br>12:36 |
| S614 | 53      | antibod\$5 same (pvr)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/19<br>12:36 |
| S615 | 45      | S614 not S612  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/19<br>12:36 |
| S616 | 16      | antibod\$5 same (pvr) same<br>(cancer\$3 or malign\$7 or tumor<br>\$1 or tumour\$1 or carcin\$8) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/19<br>12:37 |
| S617 | 4063604 | treat\$5 or therap\$11   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/19<br>12:42 |
| S618 | 1       | ("6518033").PN.  | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/06/19<br>12:42 |
| S619 | 1       | 9618 and 9617  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/06/19<br>12:42 |
| S620 | 87      | hep2 near8 (cancer\$3 or<br>malign\$7 or tumor\$1 or tumour<br>\$1 or carcin\$8)                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/19<br>13:10 |
| S621 | 29      | (branched near5 sequence).   | USPAT  | OR | OFF | 2009/06/20<br>15:06 |
| S622 | 96      | immunomodulatory near5<br>sequence   | USPAT  | OR | OFF | 2009/06/20<br>15:06 |
| S623 | 0       | 9621 and 9622  | USPAT  | OR | OFF | 2009/06/20<br>15:06 |
| S624 | 0       | S621 and S622  | USPAT  | OR | OFF | 2009/06/20<br>15:07 |
| S625 | 0       | (branched near10 immunomodulatory).clm.  | USPAT  | OR | OFF | 2009/06/20<br>15:07 |

| S626 | 9   | (linked near10<br>immunomodulatory).clm.   | USPAT  | OR | OFF | 2009/06/20<br>15:07 |
|------|-----|--|--|----|-----|---------------------|
| S627 | 7   | (cpg near10<br>immunomodulatory).clm.  | USPAT  | OR | OFF | 2009/06/20<br>15:16 |
| S628 | 22  | (cpg near10<br>immunomodulatory).clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>15:28 |
| S629 | 22  | (cpg near10<br>immunomodulatory).clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>15:28 |
| S630 | 315 | (cpg near10 sequence).clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>15:29 |
| S631 | 0   | S630 and fearon.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>15:29 |
| S632 | 54  | fearon-K\$.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>15:29 |
| S633 | 0   | S630 and S632  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>15:30 |
| S634 | 4   | S632 and (branched).clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>15:30 |
| S635 | 77  | (lipid near2 raft\$2)near100<br>(antibod\$3)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>16:13 |
| S636 | 8   | (lipid near2 raft\$2)near20<br>(generat\$3 or produce or<br>producing) near10 (antibod\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>16:14 |
| S637 | 7   | S636 and antigen   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>16:14 |
| S638 | 6   | S637 and fragment  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>16:16 |
| S639 | 6   | S638 and hybridoma   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>16:21 |

| S640 | 1     | (prion near10 conversion)<br>same hybridoma                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>17:53 |
|------|-------|---|--|----|-----|---------------------|
| S641 | 1     | (prion near30 conversion)<br>same hybridoma                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>17:53 |
| S642 | 1     | (prion near90 conversion)<br>same hybridoma                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>17:53 |
| S643 | 18    | (immuniz\$3 near10<br>neuroblastoma)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>17:55 |
| S644 | 16    | S643 and hybridoma  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>18:05 |
| S645 | 8     | S643 same hybridoma   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>18:05 |
| S646 | 111   | (scN2a or N2A) same (prion near10 conversion)                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>19:24 |
| S647 | 4     | S646 same (assay or antibody or antibodies)                                     | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/06/20<br>19:25 |
| S648 | 11    | S646 same conversion  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/06/20<br>19:27 |
| S649 | 0     | (mitchondrial near3 target\$3)<br>same (proteolytic or cleavage)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>22:29 |
| S650 | 5     | (mitchondrial near3 target\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>22:29 |
| S651 | 72064 | (mitchondrial near3 target\$3<br>or sequence) same (proteolytic<br>or cleavage) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>22:30 |
| S652 | 657   | (targeting near5 peptide\$1)<br>same (mitochondria\$1)                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>22:31 |
| S653 | 322   | (MTS) same mitochondria\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>22:33 |

| S654 | 10    | (short near1 peptide) and<br>9653                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>22:33 |
|------|-------|---|--|----|-----|---------------------|
| S655 | 203   | (peptide) and S653                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>22:35 |
| S656 | 16    | (peptide) same S653                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/20<br>22:35 |
| S657 | 5877  | beta near30 probe                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>12:45 |
| S658 | 145   | (prion\$1 or scrapie or TSE or<br>BSE)near20 probe  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>12:45 |
| S659 | 145   | (prion\$1 or scrapie or TSE or<br>BSE) near20 probe | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>12:45 |
| S660 | 17    | S657 and S659                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>12:46 |
| S661 | 10604 | (sheet or alpha) near30 probe                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>12:50 |
| S662 | 16    | S659 and S661                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>12:50 |
| S663 | 3104  | sheet near5 probe                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>13:55 |
| S664 | 10    | \$658 and \$663                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>13:55 |
| S665 | 22    | \$663 and (amyloid or alzheimer<br>\$2)             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:07 |
| S666 | 245   | (amyloid or alzheimer\$2)near5<br>probe             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:08 |

| S667 | 6     | S663 and S666                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:09 |
|------|-------|--|--|----|-----|---------------------|
| S668 | 376   | (amyloid or alzheimer\$2)near5<br>ligand | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:10 |
| S669 | 5     | S663 and S668                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:10 |
| S670 | 5300  | beta near5 ligand                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:13 |
| S671 | 0     | S658 and S670                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:15 |
| S672 | 42468 | (prion\$1 or scrapie or TSE or<br>BSE)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:16 |
| S673 | 25    | S663 and S672                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:16 |
| S674 | 1     | "beta-conformation" near5<br>probe       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:18 |
| S675 | 7     | "beta-conformation" near5<br>peptide     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>14:19 |
| S676 | 11315 | amyloid near2 beta                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>16:11 |
| S677 | 5401  | beta near15 probe                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>16:12 |
| S678 | 237   | \$676 and \$677                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>16:12 |
| S679 | 223   | S678 and detect\$3                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>16:12 |

| S680 | 2929300 | (immobiliz\$5 or solid)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>16:12 |
|------|---------|--|--|----|-----|---------------------|
| S681 | 190     | S679 and S680                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>16:13 |
| S682 | 4       | "739401".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>20:13 |
| S683 | 2       | "7439401".pn.                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>20:13 |
| S684 | 2       | "7439041".pn.                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>20:13 |
| S690 | 0       | SPPase near liver                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:06 |
| S691 | 231     | (signal near1 peptide near1 peptidase) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:07 |
| S692 | 134     | peptidase near10 liver                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:07 |
| S693 | 0       | S691 and S692                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:07 |
| S694 | 50      | peptidase near10 hepatitis             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:08 |
| S695 | 5       | S691 and S694                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:08 |
| S696 | 4682    | hcv and core                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:28 |
| S697 | 1695    | \$696 and (cleavage near5 site<br>\$1) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:28 |

| S698 | 1695   | S696 and S697  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:28 |
|------|--------|--|--|----|-----|---------------------|
| S699 | 3      | S698 and SPPase  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:28 |
| S700 | 34     | S691 and S698  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:32 |
| S701 | 513    | HCV near agents  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:43 |
| S702 | 363    | S701 and (protease near5<br>(blocker\$ or antagonist\$1 or<br>inhibitor\$1)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>15:43 |
| S703 | 1      | ("20050032913").PN.  | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/11/06<br>13:13 |
| S704 | 304085 | nonhalogen\$ or non-halogen\$<br>or phenol\$1                                | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/11/06<br>13:13 |
| S705 | 1      | S703 and S704  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/11/06<br>13:13 |
| S706 | 53904  | cresol   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/11/06<br>13:21 |
| S707 | 17596  | cresol near3 phenol  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/11/06<br>13:22 |
| S708 | 1      | ("20040106188").PN.  | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2009/11/06<br>14:50 |
| S709 | 53904  | cresol   | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/11/06<br>14:51 |
| S710 | 1      | S708 and S709  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2009/11/06<br>14:51 |
| S711 | 1      | "7262286".pn.  | USPAT  | OR | OFF | 2009/11/16<br>12:46 |
| S712 | 0      | \$deazaguanine.clm   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:19 |
| S713 | 0      | \$deazaguanosine.clm   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:20 |
| S714 | 0      | "7-deazaguanosine.clm"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:20 |
| S715 | 0      | "7-deazaguanosine.clm."  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:20 |

| S716 | 2172 | 7-deazaguanosine                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:21 |
|------|------|---|--|----|-----|---------------------|
| S717 | 863  | S716 and CpG                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:21 |
| S718 | 0    | 7-deazaguanosine near20<br>unmethylated | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:23 |
| S719 | 0    | 7-deazaguanosine near50<br>unmethylated | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:23 |
| S720 | 3    | 7-deazaguanosine near20 cpg             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:23 |
| S721 | 4    | 7-deazaguanosine near30 cpg             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:26 |
| S722 | 2    | "5856462".pn.                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:30 |
| S723 | 1491 | modified near30 CpG                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:33 |
| S724 | 1295 | modified near10 CpG                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:33 |
| S725 | 225  | S724 and 7-deazaguan\$                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>13:33 |
| S726 | 40   | S725 and unmethylated                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>14:47 |
| S727 | 1    | "11444827"                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/16<br>15:25 |
| S728 | 6    | multivalent same ccmv                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/17<br>10:46 |

EAST Search History (Interference)

| Ref# | Hits | Search Query                  | DBs                      | Default Operator | Plurals | Time Stamp       |
|------|------|-------------------------------|--------------------------|------------------|---------|------------------|
| L10  | 56   | krieg-a\$.in.                 | USPAT; UPAD              | OR               | OFF     | 2009/11/17 18:16 |
| L11  | 99   | \$palindromic.clm.            | USPAT; UPAD              | OR               | OFF     | 2009/11/17 18:17 |
| L12  | 5    | 10 and 11                     | USPAT; UPAD              | OR               | OFF     | 2009/11/17 18:17 |
| L13  | 1    | "7615539"                     | USPAT; UPAD              | OR               | OFF     | 2009/11/17 18:18 |
| L14  | 16   | "6949520"                     | USPAT; UPAD              | OR               | OFF     | 2009/11/17 18:19 |
| L15  | 160  | krieg-a\$.in.                 | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/11/17 18:20 |
| L16  | 209  | \$palindromic.clm.            | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/11/17 18:21 |
| L17  | 15   | 15 and 16                     | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/11/17 18:21 |
| L18  | 2    | "7524828"                     | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/11/17 18:26 |
| L19  | 1    | "7615539"                     | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/11/17 18:28 |
| L20  | 49   | 15 and (cancer or tumor).clm. | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/11/17 18:30 |
| S685 | 9    | orser-c\$.in.                 | USPAT; UPAD              | OR               | OFF     | 2009/11/04 22:49 |
| S686 | 0    | "10494906"                    | USPAT; UPAD              | OR               | OFF     | 2009/11/04 22:54 |
| S687 | 0    | "20060286672"                 | USPAT; UPAD              | OR               | OFF     | 2009/11/04 22:56 |
| S688 | 0    | orsner-c\$                    | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/11/04 22:58 |
| S689 | 23   | orser-c\$.in.                 | US-PGPUB;<br>USPAT; UPAD | OR               | OFF     | 2009/11/04 22:59 |

## 11/17/2009 6:44:21 PM

C:\ Documents and Settings\ mhorning\ My Documents\ EAST\ Workspaces\ 10694586.wsp